

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE: Application of Geralt WILLIAMS

Serial No.: 09/647,405

Art Unit: 3754

Filing Date: 01/26/2001

Examiner: Patrick F. BRINSON

For: *METERING VALVE*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Applicants request that the references identified on Form PTO-1449 appended hereto be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR 1.97

- ☒ Copies of the following references are enclosed. References # **45-97**  
☐ Copies of the references were submitted in parent application Serial No. \_\_\_\_\_. (37 CFR 1.98(d))  
☐ A copy of the International Search Report which issued on International Application No. \_\_\_\_\_ is submitted herewith. All of the publications cited in the International Search Report are listed on the attached form PTO-1449 and Applicants understand that copies have been supplied to the U.S. Patent Office by the International Bureau.

- A. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the above application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 CFR 1.97(b).

OR

- ☒ The Information Disclosure Statement submitted herewith is being filed before the mailing of a first office action after the filing of a Request For Continued Examination under 37 C.F.R. 1.114 (37 C.F.R. 1.97(b)(4)).

- B. ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three months of the filing date of the above application or the date of entry into the national stage as set forth in § 1.491 of an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last, but **before** the mailing date of either:  
(1) a final action under § 1.113 or  
(2) a notice of allowance under § 1.311,  
whichever occurs first.

- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

- ☐ Applicant elects the option to pay the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under § 1.97(c) (\$180.00).

- C. ☐ The Information Disclosure Statement transmitted herewith is being filed **after** a final action under § 1.113, or a notice of allowance under § 1.311, whichever occurs first, but before the payment of the issue fee. Also enclosed is a copy of the International Search Report which Issued on International Publication No.

In accordance with the requirements of 37 CFR 1.97(d):

- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. **[or]**
- ☐ Applicant hereby certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement; and
- ☐ The petition fee set forth in § 1.17(i)(1) (\$180.00) is submitted herewith.

☒ Please charge any required fees to Deposit Account No.07-1392.

☒ A duplicate copy of this paper is attached.

Respectfully Submitted,



J. Michael Strickland, Attorney of Record  
Registration No. 47,115

Date: November 29, 2005  
GlaxoSmithKline  
Corporate Intellectual Property  
5 Moore Drive, P.O. Box 13398  
Research Triangle Park, NC 27709-3398  
Telephone: (919) 483-9024  
Facsimile: (919) 483-5730


- C. ☐ The Information Disclosure Statement transmitted herewith is being filed after a final action under § 1.113, or a notice of allowance under § 1.311, whichever occurs first, but before the payment of the issue fee. Also enclosed is a copy of the International Search Report which Issued on International Publication No.

In accordance with the requirements of 37 CFR 1.97(d):

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- ☐ Applicant hereby certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement; and
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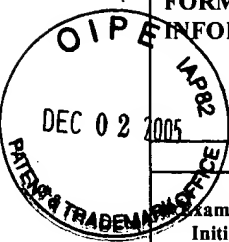
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**INFORMATION DISCLOSURE STATEMENT**
**ATTORNEY DOCKET NO.**  
**PX3904USW**
**SERIAL NO.**  
**09/647,405**
**APPLICANT: Geralt WILLIAMS**
**FILING DATE:**  
**01/26/2001**
**GROUP**  
**3754**
**U.S. PATENT DOCUMENTS**

Examiner Initials		Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	1.	3,272,442	09/13/1966	ALLENBACH, et al.			
	2.	3,278,088	10/11/1966	CLOUZEAU, et al.			
	3.	3,313,459	04/11/1967	MIZGUCHI			
	4.	3,371,825	03/05/1968	CULLEN			
	5.	3,826,413	07/30/1974	WARREN			
	6.	4,405,178	09/20/1983	BRANDENBURG			
	7.	4,649,071	03/10/1987	TAJIMA, et al.			
	8.	4,656,083	04/07/1987	HOFFMAN, et al.			
	9.	4,718,907	01/12/1988	KARWOSKI, et al.			

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	Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No
	45.	2224689	10/31/1974	FR		✓ Abstract
	46.	2140800	12/05/1984	GB		
	47.	191614	08/20/1986	EP		
	48.	88/07010	09/22/1988	PCT		
	49.	2206100	12/29/1988	GB		
	50.	2216872	10/18/1989	GB		
	51.	0360463	03/28/1990	EP		
	52.	0372777	06/13/1990	EP		
	53.	91/04011	04/04/1991	PCT		
	54.	91/11173	08/08/1991	PCT		
	55.	91/14422	10/03/1991	PCT		
	56.	92/00061	01/09/1992	PCT		
	57.	92/00062	01/09/1992	PCT		

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**OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)**

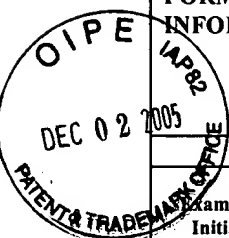
91.	KAGNOWICZ, et al., "The Properties of Fluorocarbon Films Prepared by Plasma Polymerization of 1-3 Perfluorodimethylcyclohexane," Int. Symp. On Plasma Chemistry. Vol. 1, 1979.
92.	Kirk Othmer, Concise Dictionary of Chemical Technology, John Wiley & Sons, 3 <sup>rd</sup> Ed., 1985, Pages 512-514.
93.	A. Grill, "Cold Plasma in Materials Fabrication from Fundamentals to Applications," IEEE Press, 1993, Sections 1.6.2, 6.2, 7.1.3 and 7.1.4.
94.	"Plasma Technology," Kirk Othmer Encyclopedia of Chemical Technology, Vol. 19, John Wiley & Sons, 1996, Pages 226-258.
95.	N. Inagaki, "Plasma Surface Modifications and Plasma Polymerisation," Technomic Publishing Company, Inc., 1996, Section 2.4; Figs 2.8 and 2.9; Chapter 5(Sections 5.1-5.6).
96.	Chambers Dictionary 2000, Pages 1270-1271.
97.	Aldrich Handbook of Fine Chemicals & Laboratory Equipment, UK Edition, 2003-2004, Pages 667, 804, 1428, 1429, 1916.
98.	Pending Application No. 10/312,073 – Filed 12/19/2002.
99.	Pending Application No. 10/346,317 – Filed 01/17/2003.
100.	Pending Application No. 10/399,158 – Filed 08/14/2003
101.	Pending Application No. 10/490,239 – Filed 03/19/2004
102.	Pending Application No. 10/490,240 – Filed 11/17/2004
103.	Pending Application No. 10/493,327 – Filed 03/29/2005
104.	Pending Application No. 10/622,008 – Filed 09/11/2003

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DATE CONSIDERED

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	10.	5,073,175	12/17/1991	ANAND, et al.			
	11.	5,091,204	02/25/1992	MATEO, et al.			
	12.	5,200,173	04/06/1993	KAMEN, et al.			
	13.	5,261,538	11/16/1993	EVANS, et al.			
	14.	5,341,800	08/30/1994	CLARK, et al.			
	15.	5,345,980	09/13/1994	BURT, et al.			
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	60.	93/11743	06/24/1993	PCT			
	61.	0551782	07/21/1993	EP			√ Abstract
	62.	0583024	02/16/1994	EP			
	63.	95/02651	01/26/1995	PCT			
	64.	2130867	02/28/1995	CA			√ Abstract
	65.	0642992	03/15/1995	EP			√ Abstract
	66.	95/30607	11/16/1995	PCT			
	67.	19504502	08/14/1996	DE			√ Abstract
	68.	96/25138	08/22/1996	PCT			√ Abstract
	69.	96/28367	09/19/1996	PCT			
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	73.	0870699	10/14/1998	EP			

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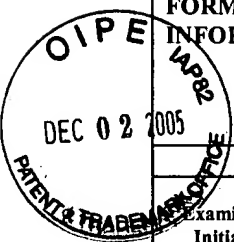
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	27.	6,095,182	08/01/2000	WARBY			
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	29.	6,132,813	10/17/2000	TING, et al.			
	30.	6,179,118	01/30/2001	GARRILL, et al.			
	31.	6,315,112	11/13/2001	GARRILL, et al.			
	32.	6,318,603	11/20/2001	BURT			
	33.	6,345,740	02/12/2002	RIEBE			
	34.	6,352,152	03/05/2002	ANDERSON, et al.			
	35.	6,390,291	05/21/2002	GARRILL, et al.			
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	37.	6,509,138	01/21/2003	GLEASON, et al.			
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	39.	6,511,653	01/28/2003	BRITTO, et al.			
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	76.	99/36334	07/22/1999	PCT		
	77.	99/64662	12/16/1999	PCT		
	78.	00/05000	02/03/2000	PCT		
	79.	0990437	04/05/2000	EP		
	80.	00/20130	04/13/2000	PCT		
	81.	00/37336	06/29/2000	PCT		
	82.	00/56632	09/28/2000	PCT		
	83.	00/78286	12/28/2000	PCT		
	84.	00/78469	12/28/2000	PCT		
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	86.	01 58508	08/16/2001	PCT		
	87.	01/64275	09/07/2001	PCT		
	88.	01/76601	10/18/2001	PCT		
	89.	01/89616	11/29/2001	PCT		
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